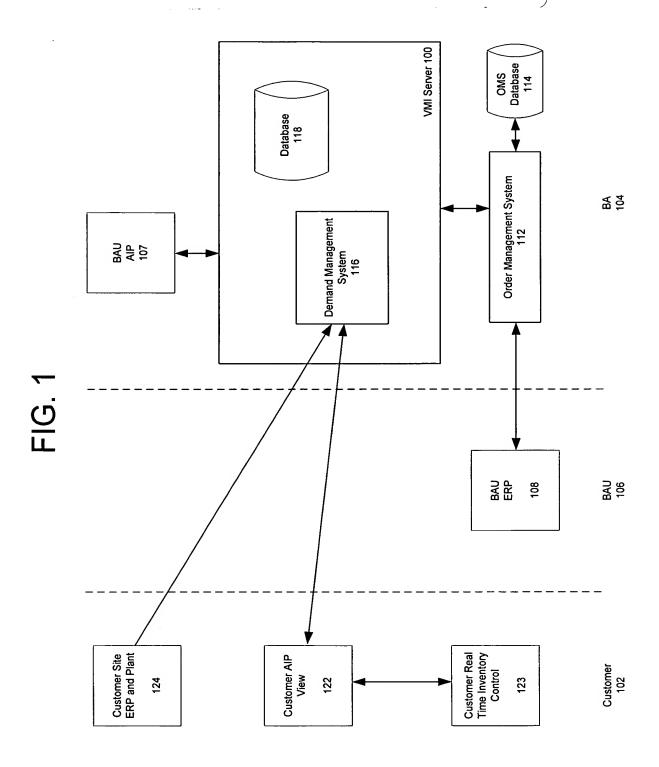
Docket No.: ABUT-0002
App No.: not yet assigned Filed: herewith
Title: A DEMAND AND ORDER-BASED PROCESS FLOW FOR VENDOR MANAGED
INVENTORY
Inventors: Aaron Francis Snyder; Gerald Thomas Lee and Ahmet Yigit
Automay: Lawrence A. Aaronson Phone: (215) 568-3100 Attorney: Lawrence A. Aaronson Sheet 1 of 11



Docket No.: ABUT-0002

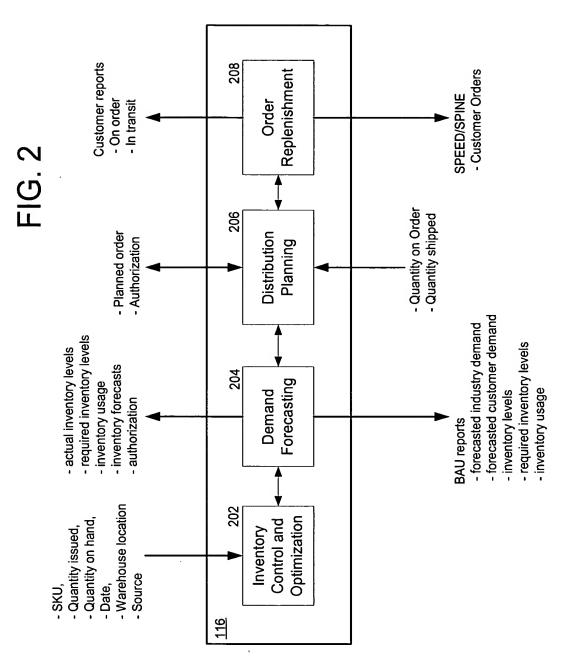
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Sheet 2 of 11



INVENTORY Inventors: Aaron Francis Snyder; Gerald Thomas Lee and Ahmet Yigit Attorney: Lawrence A. Aaronson Sheet 3 of 11 Phone: (215) 568-3100 ⋖ update report 344 Demand Review and adjust the results (overriding) Generate reports 336 History report 342 Forecast What if analysis Are results satisfactory 330 332 ON Marketing Reports 340 Forecast the products by location 328 Revised forecast 338 YES Regression with seasonal average, Fourier transforms, Exponential Select the forecasting Time series, Moving Life Cycle Models, forecasting method to the smoothing, etc. Automatic selection of the forecasting tools method: factors, Match data 324 326 ON 322 -Load data into the forecasting database 320 into proper format for the Map the data Forecasting 316 demand data (product, qty) demand data (product, qty,) .txt demand data (product, qty) EDI (852) Periodic demand data (product, qty) Periodic Periodic ž. Periodic Get the data from the plant ERP system or OPS 314 electronically from customer 312 Get the data 310 306 388 304 300 YES Begin forecasting available 302 scustome data 2

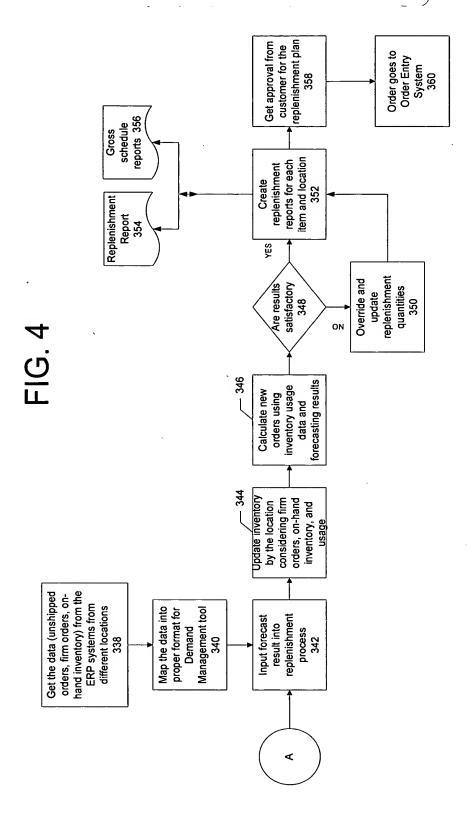
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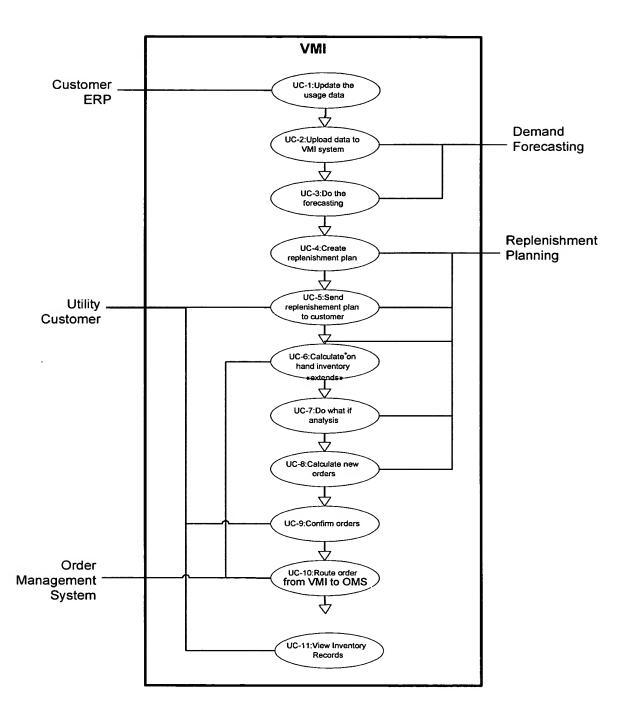
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Sheet 4 of 11



Docket No.: ABUT-0002
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Sheet 5 of 11

FIG. 5



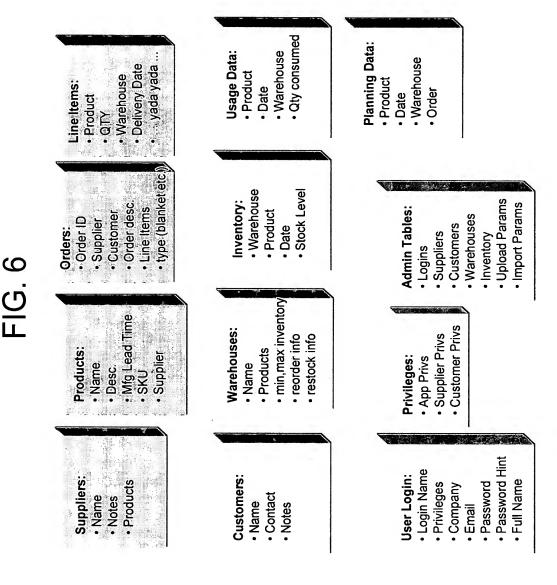
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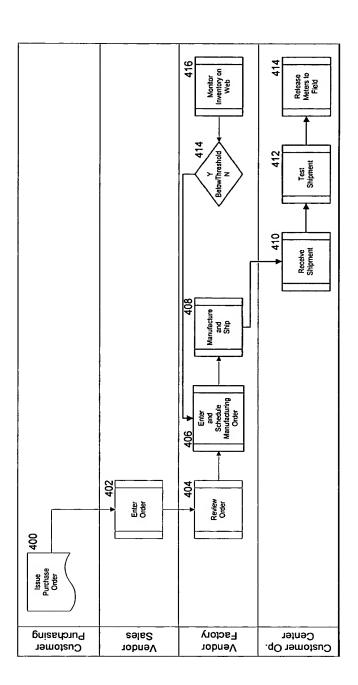
Sheet 6 of 11



Docket No.: ABUT-0002
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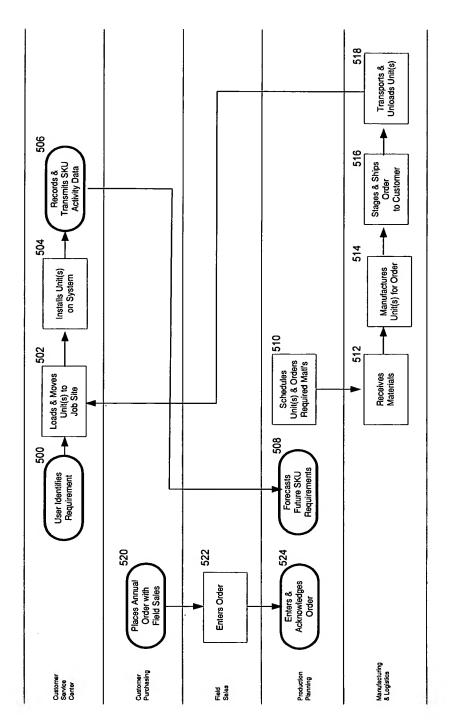
Inventors: Aaron Francis Snyder; Gerald Thomas Lee and Ahmet Yigit
Attorney: Lawrence A. Aaronson Phone: (215) 568-3100 Attorney: Lawrence A. Aaronson Sheet 7 of 11



Docket No.: ABUT-0002
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Sheet 8 of 11



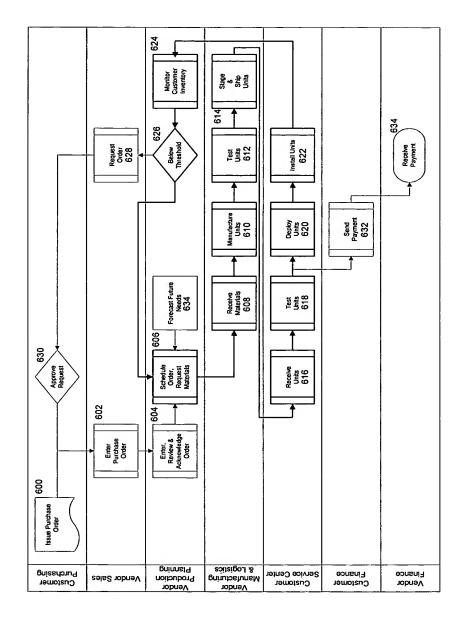
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Sheet 9 of 11



Docket No.: ABUT-0002

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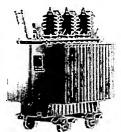
Inventors: Aaron Francis Snyder; Gerald Thomas Lee and Ahmet Yigit Attorney: Lawrence A. Aaronson Phone: (215) 568-3100

Sheet 10 of 11

FIG. 10



Transformer Configuration
Distribution Transformers
(<250kVA)



Select an Existing Order: Order 003

Facility Views
Enterprise :: Plant1 :: Plant2 :: Plant3

FIG. 11

Oil Type Distribution Transformers

Transformer Configuration
Distribution Transformers
> 2000 kVA Up to 72.5 kV



= ORDER DETAILS = 🖟 💛 💍 CUST03 Pacific Gas and Electric Contact: Fred Newton Address: 2510 Shoreline Dr. City: San Diego Quantity: 20 Due Date: 2001-10-28 Small Distribution Transformer(Oil Filled) Type:

> Select an Existing Order: --- Imported Orders ---

Check Availability

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FIG. 12

Oil Type Small Distribution Transformers

Transformer Configuration Distribution Transformers



Your order CAN be fulfilled

Product...: Transformer_Varnish Due Date...: 2001-11-28-00.00.00 Quantity...: 5.0

Plant 1 (Lodz, Poland) has available capacity and has accepted your order.

« Home